



**OFFICE OF MAYOR JERRY SANDERS  
CITY OF SAN DIEGO**

**MEMORANDUM**

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**DATE** : September 29, 2008

**TO** : Council President Scott Peters & Honorable Members of the  
San Diego City Council

**FROM** : Mayor Jerry Sanders

**SUBJECT** : Appointment to the Board of Building Appeals and Advisors

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It is my pleasure to appoint Gary Bousquet to the Board of Building Appeals and Advisors, subject to your confirmation.

Gary Bousquet, P.E. is an Engineering Manager for the San Diego County Water Authority, and has served the agency in various engineering capacities since 1999. As Engineering Manager, Mr. Bousquet is the Group Leader of the Construction Administration Group, and oversees construction and engineering staff responsible for the agency's \$3.7 billion Capital Improvement Program. Mr. Bousquet has successfully overseen the construction of many of the Water Authority's current and past projects including the San Vicente Pipeline, San Vicente Pump Station, Rancho Peñasquitos Pressure Control Hydroelectric Facility, and Lake Hodges projects. Mr. Bousquet began his tenure at the Water Authority as an Engineer (P.E.), and was later promoted to various senior-level positions including Senior Civil Engineer and Principal Engineer due to his engineering expertise and excellence in construction and project management. Mr. Bousquet's career includes serving as a Project Manager for MacDonald-Stephens Engineers and Project Engineer for Malcolm Pirnie, Inc. In 1987, he began his civil engineering career as a Junior Engineer for Sea Consultants, Inc., located in Cambridge, Massachusetts.

Mr. Bousquet has contributed his engineering insight for various publications and industry conferences including American Society of Civil Engineers pipeline conferences. Mr. Bousquet's professional affiliations include membership in the Construction Management Association of America, and American Society of Civil Engineers.

Mr. Bousquet is a California licensed Civil Engineer, and received a Bachelor of Science degree in Civil Engineering from Northeastern University in Boston, Massachusetts. He will serve as one of the required licensed California Civil Engineers for the Board of

Appointment to the Board of Building Appeals and Advisors

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Building Appeals, and will replace Lyle Gabrielson, who has resigned, for a term expiring March 1, 2010. Mr. Bousquet resides in Scripps Ranch.

I ask that you confirm this appointment and join me in acknowledging Mr. Bousquet for his willingness to give his time and expertise to serve the City of San Diego.



JERRY SANDERS

Mayor

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JS:lg

cc: City Attorney Michael Aguirre  
City Clerk Elizabeth Maland

**GARY W. BOUSQUET, P.E.**

San Diego, CA 92131

**EDUCATION**

NORTHEASTERN UNIVERSITY, Boston, Massachusetts  
Bachelor of Science in Civil Engineering, June 1991

**REGISTRATION**

California Registered Civil Engineer No. C 52095

**EXPERIENCE**

SAN DIEGO COUNTY WATER AUTHORITY; San Diego, California

August 2006 – Present, Engineering Manager

Group Leader for Construction Administration Group: Supervises staff of 13 managing construction and construction management activities for the Water Authority's 4.3 billion Capital Improvement Program. Duties also include working with other Associate Program Managers to implement all facets of the Capital Improvement Program under direction of the Program Manager. Activities including oversight of budget and schedule for consultant and construction contracts, reporting to executives and board, exception management, and fiscal expenditure tracking.

Project Experience

*San Vicente Pipeline:* \$200 million, 11 mile, 10 ft diameter tunnel that is an essential component of the Water Authority's Emergency Storage Program.

*San Vicente Pump Station:* \$65 million pump station that is an essential component of the Emergency Storage Program.

*Rancho Penasquitos Pressure Control Hydroelectric Facility:* \$21 million facility that provides pressure control and generates 4.5 megawatts of electricity for the region.

*Lake Hodges Projects:* \$89 million pump station and pipeline connecting Lake Hodges and Olivenhain reservoir. Project will assist in regional water storage management and provide up to 40 megawatts of power for the region.

November 2004-August 2006, Principal Engineer

Assisted group leader managing Construction Administration Group. Mentored and coached subordinate staff and provided oversight of construction management for Water Authority CIP Projects.

April 2000 – October 2004, Senior Civil Engineer

Responsibilities include: project management of flow control facility projects, pipeline construction projects, "Or-Equal" assessments and other miscellaneous projects as outlined below. Duties included schedule and budget management, preparation of board memoranda, presentations to Water Authority Board and Community Groups.

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### Project Experience

Project Manager for the *Moreno Lakeside Pipeline Project*, the *Relocation of Pipelines 3 and 4 at Bradley Park Project*, the *Helix 6, 7, and 8 Flow Control Facility Project*, the *Otay 14 Flow Control Facility Project*, *Tri-Agencies Pipeline, Phase 2 Project*, *Vallecitos 9 Flow Control Facility Project*.

May 1999 - March 2000, Engineer, (P.E.)

Responsibilities include: project management of flow control facility projects, pipeline construction projects, "Or-Equal" assessments and other projects as outlined below.

Project Manager for the *Fallbrook 3/Rainbow 1 Flow Control Facility Project*. Project duties include: coordination with support groups such as Right-of-Way, Water Resources, Operations and Maintenance and Public Affairs. Other duties include maintaining project budget utilizing Authority Resource Update Spreadsheets and Primavera Scheduling, reviewing of statement of qualifications, evaluating and selecting consultants for the design and construction administration associated with a flow control facility upgrade project.

Project Manager for the *Ramona Pipeline and Olivenhain 3 Flow Control Facilities Project*. Project duties include: coordinating final design and procurement of pipe and valves (54-inch and 16-inch) in preparation for construction of medium and large diameter steel piping.

Project Manager for the *Remaining 4 Flow Control Facilities Project*. Project duties include: coordinating final design utilizing in-house staff, procuring pipe and valves (20-inch and 24-inch) in preparation for construction of flow control facility upgrades including new piping and valves.

Project Manager for the *Carlsbad 1/Olivenhain 1 Flow Control Facilities*. Project duties include: interfacing with Construction Group to plan construction of flow control facility improvements including new piping and valves (24-inch and 20-inch).

Project Engineer for the *National Pollution Discharge Elimination System (NPDES) permit research project*. Duties include researching Authority NPDES permit issues and interfacing with State and Local Agencies.

Project Engineer for the *Brico Coupling "Or-Equal" assessment*. Duties include researching the proposed product to determine compliance with the Authority's Standard Specifications.

Project Engineer for the *Black Mountain Vent Connection Project*. Project duties included: coordinated design of interconnecting vent piping between Pipeline 3 and Pipeline 4 and procured 36-inch steel piping and valves.

Project Engineer for the *Preparation of a Preliminary Cost Estimate for the Rio 5 Flow Control Facility*. Duties included: performed field investigations, performed hydraulic analysis, sized equipment, prepared preliminary cost estimate and summarized findings and recommendations in a internal memorandum.

MacDONALD-STEPHENS ENGINEERS, San Diego, California

October 1997 - May 1999

Responsibilities included: Preliminary planning, design and construction administration of water and wastewater pumping and treatment systems for small company.

Preliminary planning tasks included researching, evaluating and selecting technical alternatives, cost analyses and report preparation.

Design activities included: detailed mechanical design of water and wastewater pump stations; steel, ductile iron, polyvinyl chloride (PVC), and concrete cylinder pipelines with required valves and supports. Additional tasks included coordination and review of subconsultant and support discipline work efforts (i.e. structural, instrumentation, electrical, architectural, survey, geotechnical, landscaping and corrosion protection); technical specification preparation; planned approaches to work; monitored the progress of projects against internal budgets and schedules; preparation of technical correspondence and engineering reports; and preparation of construction cost estimates.

Construction Administration activities included: attending project meetings; reviewing contractor's requests for information, shop drawing submittals and change order proposals; and performing field investigations.

#### Project Experience

Project Manager for the *Wellhead Assessment and Wellhead Protection Plan* project for the Marine Corps Logistics Base, Barstow California. Project duties included: attended project meetings, performed facilities data research, conducted field investigations, addressed client comments and prepared final document preparation.

Project Manager for the *Oxidation Pond Study and the Disinfection Study* projects for the Marine Corps Logistics Base, Barstow, California. Project duties included: attended project meetings, performed field sampling, facility research, development of alternatives and recommended best apparent alternatives based on technical and cost analyses, organized information in clear and concise reports.

Project Leader for the design of the *Oil Water Separator, Recycle and Pretreatment Systems* project for the Marine Corps Base, Camp Pendleton. Project duties included: prepared design drawings and specifications for the demolition of existing facilities; installation of oil water separators; construction of washracks, sand traps, pretreatment and recycle systems (20 to 120 gallons per minute) and high pressure washers.

Project Leader for the design of the *65<sup>th</sup> and Herrick Water Pump Station* project for the City of San Diego. Project duties included: designed pump station building, four 100 horsepower pumps, valves, instrumentation, and 200 linear feet of 24-inch steel distribution piping.

Project Leader for the design and construction administration of the *26 Area Pipeline* project for the Marine Corps Base, Camp Pendleton. Project duties included: designed 5,900 linear feet of 14-inch polyvinyl chloride piping and required gate valves, combination air/vacuum valves and air release valves. Performed construction administration, including review of submittals and requests for information for the associated construction contract.

Project Leader for the design and construction administration of the *Sewage Treatment Plan No. 9 Equalization Ponds* project for the Marine Corps Base, Camp Pendleton. Project duties included: designed secondary effluent pump station, equalization ponds and filter backwash basin for a 0.7 million gallon per day wastewater treatment plant.

#### MALCOLM PIRNIE, INC., Carlsbad, California

July 1991 – October 1997

Responsibilities included: preliminary planning, design, construction administration, and operation and maintenance manual preparation associated with water and wastewater pumping stations and treatment systems.

Preliminary planning tasks included research, evaluating and selecting reclaimed water pipeline and utility alignment alternatives, cost analyses and report preparation.

Design activities included: detailed mechanical design of water, wastewater, primary skimmings, primary sludge, ferric chloride, sodium bisulfate, polymer pumping stations; and steel, ductile iron, and polyvinyl chloride pipelines. Additional tasks included: coordinated and reviewed subconsultant and support discipline work efforts (i.e. structural, instrumentation, electrical, and architectural); prepared preliminary process and instrumentation drawings and process schematics; prepared technical specifications; planned approaches to work; prepared technical correspondence and engineering reports; and prepared construction cost estimates. Tasks were performed relative to the following facilities: drinking water rapid mixing and sedimentation tanks; wastewater primary sedimentation tanks, secondary sedimentation tanks, activated sludge tanks; ferric chloride and polymer addition facilities; remote dechlorination facilities, emergency generation facility and large diameter steel site process piping.

Construction Administration activities included: representing the client at project meetings; tracking the contractor's progress; reviewing of the contractor's requests for information, shop drawing submittals, change order proposals and progress payments, field construction inspection, start-up services including troubleshooting mechanical equipment, electrical systems and instrumentation hardware as well as programmable logic controller programming.

Project Experience

Project Engineer for the design of the *Alvarado Water Filtration Plant Expansion* for the City of San Diego. Project duties included: developed final plans and specifications for the retrofit of rapid mixing basins, flocculation basins, sedimentation tanks; potable water and non-potable water distribution systems and associated pump stations.

Project Engineer for the preparation of *Preliminary Technical Memoranda for the City of San Diego Advanced Water Treatment Plant* for the City of San Diego. Project duties included: examined process piping alignment alternatives and prepared technical recommendations in clear and concise memoranda.

Project Engineer for the construction administration of the *Alvarado Water Filtration Plant Early Operational Improvements* for the City of San Diego. Project duties included: provided construction administration for preliminary modifications to the Alvarado Water Filtration Plant.

Project Leader for the design of the *International Wastewater Treatment Plant (100-mgd ultimate capacity)* for the International Boundary and Water Commission. Project duties included: provided detailed design of plans and specifications for primary sedimentation facilities, secondary sedimentation facilities, advanced primary chemical addition facilities, secondary sedimentation facilities, remote dechlorination facilities and emergency generator facilities.

Assistant Resident Engineer for the construction of the *Advanced Primary Treatment Facility portion of the International Wastewater Treatment Plant* for the International Boundary and Water Commission (\$40,000,000 construction cost). Project duties included: provided construction administration for a 75 million gallon per day (mgd) facility that included a headworks, primary sedimentation facilities, chemical addition facilities, non-potable water pump station, unstabilized sludge storage tank, sludge processing building, administration building and lime stabilization facilities.

Project Engineer for the *Planning and Preliminary Design of Chlorination and Dechlorination Facilities* for the San Elijo Water Pollution Control Plant. Project duties included: provided preliminary design of chlorination and dechlorination facilities according to current regulatory codes.

Project Engineer for the preparation of the draft report, *Reclaimed Water Distribution Master Plan, Phase I Reclaimed Water Market Assessment for the City of San Diego Southern Service Area* for the Clean Water Program for Greater San Diego. Project duties included: Assessed system demands, performed hydraulic analysis, examined piping alignment alternatives and recommended best apparent alternatives.

Project Engineer for the construction administration of the *San Elijo Water Pollution Control Facility Upgrade and Expansion* project for the San Elijo Joint Powers Authority. Project duties included: provided construction administration services for the construction phase of the project.

Project Engineer for the preparation of the *Operation and Maintenance Manual for the San Elijo Water Pollution Control Facility Upgrade and Expansion* project for the San Elijo Joint Powers Authority. Project duties included: prepared complete operation and maintenance manual identifying equipment and outlined maintenance procedures for individual equipment items and overall operational processes for a 7.25 mgd wastewater treatment facility owned by the San Elijo Joint Powers Authority (SEJPA).

SEA CONSULTANTS, INC., Cambridge, Massachusetts  
September 1987 to June 1991

Worked as a Junior Engineer for several sewer pipeline design projects. Duties included developing specifications, designing plan and profile sheets, and reviewing shop drawings. Also supervised the construction of sewer and force main as a field resident.

## **PUBLICATIONS**

Co-author: *Construction Bidding: The Rules and Pitfalls for Owners, Contractors, and Construction Industry Professionals*, 2006

Co-author: *Excessive Deflection in Welded Steel Pipe Installations*, ASCE Pipeline Conference, 2004

Co-author: *Large Diameter Steel Pipe Design in Liquefiable Soils*, ASCE Pipeline Conference, 2001

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## **SOCIETY AFFILIATIONS**

American Society of Civil Engineers (ASCE)

Construction Management Association of America (CMAA)

# REQUEST FOR COUNCIL ACTION

## CITY OF SAN DIEGO

1. CERTIFICATE NUMBER  
(FOR AUDITOR'S USE) 112  
10/14

TO: 000677  
CITY ATTORNEY

2. FROM (ORIGINATING DEPARTMENT):  
MAYOR JERRY SANDERS

3. DATE:  
09/29/08

4. SUBJECT:  
APPOINTMENT TO THE BOARD OF BUILDING APPEALS AND ADVISORS

5. PRIMARY CONTACT (NAME, PHONE, & MAIL STA.)  
Lisa Gordon MS11A, 67740

6. SECONDARY CONTACT (NAME, PHONE, & MAIL STA.)  
Jaymie Bradford MS 11A, 36588

7. CHECK BOX IF REPORT TO COUNCIL IS ATTACHED  
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### 8. COMPLETE FOR ACCOUNTING PURPOSES

FUND					9. ADDITIONAL INFORMATION / ESTIMATED COST:
DEPT.					
ORGANIZATION					
OBJECT ACCOUNT					
JOB ORDER					
C.I.P. NUMBER					
AMOUNT					

### 10. ROUTING AND APPROVALS

ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED	ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
1	ORIG. DEPT. / LG	<i>L. Gordon</i>	9/29/08	8	DEPUTY CHIEF/KM	<i>JK</i>	9/29/08
2	AUDITOR			9	COO		
3				10	CITY ATTORNEY	<i>Catherine Kelly</i>	10/1/08
4	CFO			11	ORIG. DEPT/ COUNCIL LIAISON/JG	<i>ELP</i>	10/1/2008
5					DOCKET COORD:	COUNCIL LIAISON	
6					COUNCIL PRESIDENT	<input type="checkbox"/> SPOB <input checked="" type="checkbox"/> CONSENT <input type="checkbox"/> ADOPTION	
7					REFER TO:	COUNCIL DATE: 10/14/08	

11. PREPARATION OF: ☒ RESOLUTIONS ☐ ORDINANCE(S) ☐ AGREEMENT(S) ☐ DEED(S)

Appointing Gary Bousquet, as the Civil Engineer for the Board of Building Appeals & Advisors, to replace Lyle Gabrielson, who has resigned, for a term ending March 1, 2010; Please see Mayor Sanders' September 29, 2008 appointment memorandum which is attached.

11A. STAFF RECOMMENDATIONS: Ratify nomination as submitted.

12. SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION.)

COUNCIL DISTRICT(S): Gary Bousquet -- CD 5

COMMUNITY AREA(S): Gary Bousquet resides in Scripps Ranch.

ENVIRONMENTAL IMPACT: N/A

HOUSING IMPACT: N/A

OTHER ISSUES: N/A



09/29/08

SUBJECT:

## APPOINTMENT TO THE BOARD OF BUILDING APPEALS AND ADVISORS

BACKGROUND:

Please see attached appointment memorandum from Mayor Jerry Sanders dated September 29, 2008.

BY LINE: (MAYOR / DEPT. HEAD / AUTHOR INITIALS)

JS/LG

SIGNATURES:

ORIGINATING DEPT. HEAD

ORIGINATING DEPT. HEAD

MAYOR

(FOR MAYORAL DEPARTMENTS ONLY)

000679

RESOLUTION NUMBER R-\_\_\_\_\_

DATE OF FINAL PASSAGE \_\_\_\_\_

WHEREAS, San Diego Municipal Code section 111.0207 governs the City's Board of Building Appeals and Advisors [the Board]; and

~~WHEREAS, the Board is tasked with investigating and advising as to the suitability of~~  
any alternate material design or construction method of buildings; recommending reasonable interpretations of the provisions of the building code; and conducting public hearings on, and recommending to the City Council, the passage of new legislation pertaining to the design and construction of buildings; and

WHEREAS, the Municipal Code requires 10 members of the Board to be appointed by the Mayor and confirmed by the City Council; and

WHEREAS, the ordinance requires designated members to have experience and training in matters of design and construction of buildings, fire prevention and fire protection;

WHEREAS, at least two members shall be licensed by the State of California as civil engineers, one of whom is duly authorized to use the title "structural engineer;" one member each shall be from the electrical and mechanical industries or professions; at least two members shall be licensed by the State of California as fire protection engineers; at least one member shall be licensed by the State of California as an architect; and at least one member shall represent the disabled community; and

WHEREAS, the ordinance requires that the members serve two-year terms and each member shall serve until a successor is duly appointed and confirmed; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, that the following appointment by the Mayor of the City of San Diego, to serve as a member of the Board of

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Building Appeals and Advisors, for terms ending as indicated, be and the same is hereby confirmed:

<u>NAMES</u>	<u>CATEGORY</u>	<u>TERM ENDING</u>
Gary Bousquet (Scripps Ranch, District 5) (Replacing Lyle Gabrielson, who has resigned)	Civil Engineer	March 1, 2010

APPROVED: MICHAEL J. AGUIRRE, City Attorney

By Catherine M. Bradley  
Catherine M. Bradley  
Chief Deputy City Attorney

CMB:als  
09/30/08  
Or.Dept:Mayor  
R-2009-420

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at this meeting of \_\_\_\_\_.

ELIZABETH S. MALAND  
City Clerk

By \_\_\_\_\_  
Deputy City Clerk

Approved: \_\_\_\_\_  
(date)

\_\_\_\_\_  
JERRY SANDERS, Mayor

Vetoed: \_\_\_\_\_  
(date)

\_\_\_\_\_  
JERRY SANDERS, Mayor